

## Meeting Minutes 12-8-2020

We reviewed everything that everyone had done so far on the project.

- EEs have updated the previous circuit and made a new one for the rat edition as well as having run the bode plots and validating the circuit
- BE/MEs have worked on the card holder, updating the headset design to a wig cap, as well as having caught ourselves up from the previous semesters
- CS students have begun building the code and GUI for the device, as well as having tested the current software

We decided to keep the same meeting time for next semester, tentatively pending Dr. Kumar's schedule. The first meeting will be January 19<sup>th</sup> at 450pm and be kept weekly from there.

We should update the budget if needed. PCB fabrication may be better if we send it out for fabrication rather than keeping it at the university.

We discussed that the butterworth filters may be too high at 2kHz.

There will be a period of about 2 weeks during the Chinese spring festival that PCB boards may be unable to be processed, being February 12<sup>th</sup>+/- 1 week. Typical order times only take about 1-2 weeks.

Fun task over break from Dr. Kumar: If we had infinite money, what would be the best EEG design that you wouldn't mind wearing in public?